
VIDEOTAPES

This section of the catalog lists all presently available training videotapes. Videotapes offer trainers unique opportunities to reinforce key training objectives, expand and enhance training sessions, and add variety to training programs.

As stated on page 1, the videotapes designated "Historical" have become dated due to their age, changes in technology, or changes in mining regulations. The materials are still available because they may represent the sole source of some of the information. There may be inaccuracies or outmoded mining equipment or systems displayed. Portions of the materials may be used as is; however, the dated portions should be pointed out when presenting them in a training or informational situation.

Videotapes are listed alphabetically by title. Where appropriate coal-related items are designated (C) and metal/nonmetal items are designated (MNM),

VIDEOTAPES

All videotapes are available in VHS format, and cost \$8.00 per tape,

FOREIGN LANGUAGE VERSIONS (PLEASE NOTE: This section reflects changes made to this catalog as of May 3, 1998.

Two MSHA videotapes have been translated into Spanish. These programs are:

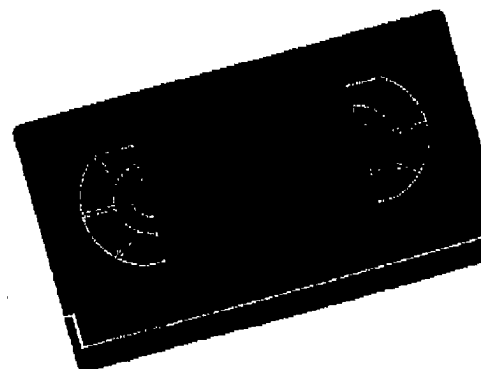
First Aid - \$18.00

Combined Safety Video* - \$25.00

*Combined Safety Video has four subjects in Spanish which were formerly single videos, but have now been economically combined on one video. These subjects are: Conveyor Safety, Mobile Equipment Safety, Quarry Safety, and Think Quicksand: Safety Around Bins and Hoppers. This video is 50 minutes and is VHS in format. These subjects in Spanish are no longer available as single subject videos.

These videotapes are available ONLY from:

The University of Texas at Austin
Industrial Education Department
P. O. Box 7518
Austin, TX 78713-7518
Telephone: (512) 471-4633 or (800) 687-7345



VIDEOTAPES

Air Brake System Safety (C/MNM)

Discusses braking systems safety standards and maintenance procedures for on- and off-road vehicles.

MSHA 1990 44 min

Cat No: VC 887

Price: \$8.00

Air We Breathe in Industrial Environments, The (C/MNM)

Discusses composition and importance of air in relation to various working environments.

Describes industrial health (breathing) hazards encountered. Explains need for evaluation of working conditions, for observation of safety precautions and for protection of workers from noxious gases and oxygen deficiency by using protective equipment and proper ventilation,

BuM Apr 1972 16 min

Cat No: VC 841

Price: \$8.00

Anthracite: Pre-Shift Examinations of Underground Mines

Video shows two mine foremen conducting typical pre-shift inspections at two different underground anthracite mines.

MSHA 1994 31 min

Cat No: VC 806

Price: \$8.00

Ask the Right Questions

Developed in cooperation with the United Mine Workers of America and Bituminous Coal Operator's Association – Joint Industry Training Committee, "Ask the Right Questions" discusses what needs to be done to identify sources of accidents and determine prevention methods at your mine. Four types of physical barriers and five types of human barriers are enacted and analyzed using accident analysis and problem identification (AAPI) techniques. This video is based on the concept that asking the right questions is fundamental to finding solutions to our accident problems.

MSHA 1992 29 min

Cat No: VC 848

Price: \$8.00

Automatic Emergency Parking Brakes (as required by 30 CFR 75.523-3)

This video discusses the applications of 30 CFR 75.523-3 to "all rubber-tired, self-propelled electric haulage equipment used in active workings of an underground coal mine – with the exception of personnel carriers." Each of the specific subparagraphs of this mandatory standard is not only explained but also demonstrated to reinforce the concept.

MSHA 1992 17 min

Cat No: VC 846

Price: \$8.00

Ball Mill Safety (M/NM)

Developed cooperatively by MSHA and Lehigh Portland Cement Company. outlines the various steps – precautions and procedures – that must be taken to safely and efficiently shut down a ball mill, enter, inspect, service (repair or perform routine maintenance), and restart the operations. Procedures discussed/demonstrated include: planning, crew selection and briefing, safe work permits, electrical lock-out, isolating maintenance area, hatch/door removal, safe access, ventilation and respiratory protection, welding/cutting, hatch/door installation, and cleanup.

MSHA 1988 17 min

Cat No: VC 933

Price: \$8.00

Barriers to the Prevention of Ground Fall Accidents (C)

Examines miners' beliefs as to why ground fall accidents occur. Includes book of survey questions for use at your mine and a reprint of a Bureau of Mines Information Circular on ground control accidents.

MSHA 1986 22 min

Cat No: VC 900

Price: \$8.00

VIDEOTAPES



Blind Spots Can Kill! (C/MNM)

A haul truck driver and an electrician discuss the accident where a 240-ton haul truck drove over the electrician's work vehicle. No one was in the vehicle, but the electrician's one-ton truck was destroyed. This video stresses the importance of getting the driver's attention whenever you're near a large haul truck and avoid getting into a blind spot.

MSHA 1996 6½ min

Cat No: VC 821

Price: \$8.00



Breathe and Live: Ventilation in Metal and Nonmetal Mines

Focuses on why mine ventilation systems are an underground miner's personal lifeline. Shows components of mine ventilation systems (including main and booster fans, air curtains, ventilation tubes, doors and regulators). Emphasizes importance of good maintenance. Re-creates several fatal accidents caused by contaminated air, inadequate ventilation or failure to warn workers away from unventilated "dead end" zones. Stresses importance of frequent safety checks with instruments which measure quality and quantity of ventilating air (a responsibility of mine management).

BuM Aug 1973 21 min

Cat No: VC 845

Price: \$8.00

Buckle Up On-The-Job (C/MNM)

Seat belts save lives! This program uses interviews with miners who were involved in heavy equipment accidents. The common thread among them? Their lives were saved by seat belts.

MSHA 1986 8 min

Cat No: VC 896

Price: \$8.00



Cabs and Canopies for Your Safety (C)

Points out need for cabs and canopies on underground mining equipment to protect miners from falls of roof and ribs. Uses scenes taken after three actual roof fall accidents (in which fallen coal and rock covered the mining equipment), Demonstrates

that, in each case, the operator escaped unharmed because of the protective canopy on the machine. Presents in-the-mine interviews with the operators involved in these near-fatal accidents - workers relate what happened and why they are convinced the canopies saved their lives.

MESA Apr 1974 10 min

Cat No: VC 854

Price: \$8.00



Coal Dust: Hazards and Controls

Explains some of the more serious dangers of coal mine dust and its effect on the health and safety of both underground and surface miners. Uses actual mining operations, live action footage and detailed animation to show various ways coal dust is produced, consequences of long-term exposure (black lung) and how dust can be controlled in the mining environment. Shows several methods of dust sampling. Demonstrates various ventilation techniques, water sprays and other dust suppression devices. Emphasizes use of proper face ventilation and water sprays to effectively remove, dilute and suppress airborne dust. Examines advantages of these control devices and systems as applicable to different mining methods and situations. Recommends ongoing dust sampling and evaluation programs be in place at all mines.

MSHA Rev Aug 1980 14 min

Cat No: VC 829

Price: \$8.00

Compressed Gases: The Correct Way to Use Acetylene and Oxygen for Cutting (C/MNM)
Produced in cooperation with Pennsylvania Department of Energy. Shows proper use of oxygen and acetylene for cutting, inspection procedures for tanks and gauges, hose cleaning, and ways to blow oxygen and acetylene tank valves. Program content also covers proper way to attach regulators, safe ways to open valves, proper P.S.I. settings and lighting torches, and turning off and storing equipment after use.

MSHA 1989 42 min

Cat No: VC 878

Price: \$8.00

VIDEOTAPES

Confined Spaces in Mining

Provides a general definition for confined spaces in mining, and displays common examples of confined spaces. Suggests safety guidelines for working in and around confined spaces. In addition, the permitting process for confined space entry is outlined and 9 steps for safe confined space entry and exit are detailed.

Florida Dept. of Environmental
Protection 1994 9 min

Cat No: VC 815

Price: \$8.00

Control of Back Injuries in Mining

This video defines the origin and history of Lower Back Pain (LBP) and how the general aid mining industry can combat musculoskeletal injuries, including back injuries

BuM 1995 25 min

Cat No: VC 938

Price: \$8.00

Conveyor Safety (C/MNM)

Introduces basic hazards found around conveyor belts. Stresses accident prevention. (Available as videotape or slide-tape program. Please specify format when ordering.)

MSHA 1987 7 min

Cat No: VC 934 (videotape)

AV 10 (slide-tape program)

Price: \$8.00

\$12.00 (40 slides, 1 tape, script)

Please Note:

Reflects change to catalog
made May 3, 1998.

Dump-Point Safety: Stockpiles and Wastepiles (MNM)

Using trucks to dispose of waste material and build stockpiles are important parts of many mining operations, but accidents can occur during

these activities if adequate safety precautions are not taken. This video will illustrate the most common hazards at dumps and piles and will demonstrate recommended safety practices,

MSHA 1997 14 min

Cat No: VC 858

Price: \$8.00



Dust Control—It's Everyone's Business

This videotape is one of a series on silica dust and silicosis. These programs are being prepared jointly by the National Industrial Sand Association (NISA) and the Mine Safety and Health Administration (MSHA). This 19-minute video discusses the importance of well-designed and maintained dust control systems and procedures to prevent exposure to dust containing silica.

MSHA 1997 19 min.

Cat No: VC 843

Price: \$8.00

Efficient Method for Donning Self-Contained Self-Rescuers (SCSRS) Videotapes, An (C)

Program shows a method for rapidly donning a self-contained self-rescuer (SCSR). Miners who have little or no hands-on experience can quickly don an SCSR after learning the new position and simplified technique shown in this program. Individual videotapes are available for self-rescuers manufactured by CSE, Draeger, and Ocenco. Each videotape includes printed instructor's manual, "An Efficient Method for Donning the Self-Contained Self-Rescuer (SCSR)," which carefully explains how to evaluate and conduct training activities in this new SCSR donning method.

MSHA 1987

Title/Catalog No.

CSE SR-100 (VC 883) 8 min

Draeger (VC 912) 9 min

Ocenco (VC 914) 12 min

Price: \$8.00 (each title)

VIDEOTAPES

Electrical Grounding (C/MNM)

Shows basic principles of electrical grounding. The circuits explained include: voltage on frame of machine with no grounding and no electrical fault, voltage on frame of machine with an electrical fault and examples of "peg grounding" with electrical faults on different phases. Viewers also learn proper electrical grounding techniques and ways to avoid electrical hazards by using correct grounding procedures.

MSHA 1989 28 min

Cat No: VC 877

Price: \$8.00



Electrical Hazards in Underground Coal Mining

Points out some of the more prevalent electrical hazards which may be encountered in underground coal mining. Re-creates accidents involving operating, maintaining and repairing electrical power distribution centers, switching gear, cables and other highvoltage equipment. Stresses proper training and qualifications for miners working on electrical installations, machinery and circuits. Describes proper work procedures which should be followed at all times -if electricity is to be effectively and safely utilized in underground coal mining.

MESA May 1975 13 min

Cat No: VC 857

price: \$8.00



Electrical Lock-Out Procedures (C/MNM)

Accidental starting of equipment or the energizing of electrical power circuits has caused many injuries and fatalities in the mining and milling industry. Re-creates some of these accidents and points out potential hazards connected with specific jobs. Emphasizes need for immediate and thorough training in proper lock-out procedures for all personnel who work with or around electrical installations (including personnel who operate electric-powered machinery and equipment).

MESA Nov 1976 11 min

Cat No: VC 864

Price: \$8.00

Emergency Response Planning (Who Needs It?)

Video discusses the importance of small mine operations having an Emergency Response Plan (ERP), and discusses the planning, development, and proper use of the ERP.

Bureau of Mines 1995 16 min

Cat No: VC 838

Price: \$8.00

Escape from Mine Fires

Illustrates the importance of knowing effective self-rescue and escape procedures in the event of a mine fire. Two miners describe their experiences in escaping a mine fire in 1988.

BuM 1990 49 min

Cat No: VC 882

Price: \$8.00

Extensible Line Curtain (C)

This program shows an innovative procedure that uses extensible line curtain for coal mine face ventilation.

MSHA 1986 15 min

Cat No: VC 897

Price: \$8.00

Fire Extinguishers (C/MNM)

Produced in cooperation with West Virginia University. Discusses means of extinguishing a fire, classes of fires and some of the hazards to be considered when using a fire extinguisher. Also covers basic inspection techniques for stored pressure and cartridge operated dry-chemical extinguishers.

MSHA 1989 35 min

Cat No: VC 879

Price: \$8.00



Fire Fighting in the Mineral Industry (MNM)

Concerns techniques of fire fighting in noncoal mining and related industries. Shows the classifications of fires (A, B, and C). Provides instruction on proper use of various types of extinguishers. Demonstrates how to control fires by "sealing them off" with foam, asphalt and other chemical sealants.

BuM Jul 1970 16 min

Cat No: VC 827

Price: \$8.00

VIDEOTAPES

First Aid Video (C/MNM)

Designed to be used with the First Aid Course to conduct first aid training in the mining industry. Note: Spanish version available on VHS videotape from the University of Texas at Austin, Industrial Education Dept., P. 0, Box 7518, Austin, TX 78713-7518, Phone: (512) 471-4633, Cost: \$18.00 plus shipping and handling.

One videotape covers the following eight subjects:

Patient Assessment	6:28 min
Artificial Ventilation	11:54 min
Control of Bleeding	9:11 min
Shock	7:54 min
Wounds and Dressing	10:44 min
Burns and Scalds	5:28 min
Musculoskeletal Injuries	7:59 min
Handling and Transportation	10:17 min

NOTE: Separate tapes on a single subject are not available.

MSHA 1990

Cat No: VC 886
price: \$8.00



Foremanship Training Series (C)

Series is designed to motivate coal mine supervisory personnel. Stresses safety in all facets of the mining process.

The four videotapes may be shown independently or as a series (in the following sequence).

• Investigation - A Tool for Accident Prevention (C)

Stresses value of having supervisors investigate accidents in the mining industry in order to teach them how to recognize, diagnose and prevent various kinds of accidents.

BuM Mar 1968 7 min

Cat No: VC 818
Price: \$8.00

• Sell Safety (C)

Explains why supervisors have to "sell" work. Stresses on the necessity of safe work habits. Stresses

that, to be successful, supervisors must create the desire in the workers to be safe and to consider the negative (and possibly fatal) results of unsafe working practices. Highlights importance of safety (not only to workers, but to workers' families as well).

BuM Mar 1968 10 min

Cat No: VC 820

Price: \$8.00

• Set the Pace (C)

Shows a supervisor "setting the pace" (for workers to follow) in safety practices in the coal mining industry. Supervisor exhibits the concepts of sincerity, enthusiasm and "setting an example,"

BuM Mar 1968 10 min

Cat No: VC 817

Price: \$8.00

• Teach Safety (C)

Stresses importance of the supervisor's responsibility when teaching miners correct, safe and efficient work methods.

BuM Mar 1968 15 min

Cat No: VC 819

Price: \$8.00

Front-End Loader Safety (C/MNM)

Based upon records of actual mining accidents, describes some of the fatalities and injuries that can occur in the use (and misuse) of front-end loaders (particularly if the operator is inattentive, careless, disobeys safety rules and/or takes unnecessary chances). Analyzes these accidents and explains causes and preventive measures. Presents safe operating procedures for various work assignments. Designed to motivate front-end loader operators to adopt safe driving and operating habits and to develop a positive attitude toward mine haulage safety in general.

MSHA Rev 1994 14 min

Cat No: VC 862

Price: \$8.00

VIDEOTAPES

Geology of Roof Falls (C)

Stresses the importance of noting changes in rock strata. Program follows a sequential change in roof rocks, and describes the changing roof conditions. Each fall area is described with colorful illustrations and photography to explain how weaknesses in the roof rock contributed to the falls. (Available as videotape or slide-tape program. Please specify format when ordering.)

MSHA 1987 20 min

Cat No: VC 941 (videotape)

AV 28 (slide-tape program)

Price: \$8.00

\$15.00 (56 slides, 1 tape, script)

Ground Control in Surface Mining (C)

One of the most prevalent dangers facing new or inexperienced surface coal miners is falling ground (or slope failure) involving highwalls and spoil banks. Presents overview of ground control problems. Describes danger signs and visible indicators that warn of impending earth/rock slides. Emphasizes need for miners to learn how to recognize these conditions. Outlines safety precautions and safe working practices miners must follow to avoid accidents.

MSHA Apr 1980 8 min

Cat No: VC 890

Price: \$8.00

Haulage and Hoisting in Underground Anthracite Coal Mining

Various haulage and hoisting systems typically found in anthracite coal mining areas are depicted and explained with reference to any hazards associated with each system as well as the measures needed for compliance with applicable 30 CFR regulations.

MSHA 1992 30 min

Cat No: VC 847

AV51 (slide-tape program)

price: \$8.00

\$36.00 (152 slides, 2 tapes)



Haulage Safety in Low-Coal Mine

Depicts how accidents can be prevented (or can happen) during underground transportation of personnel, coal and supplies through tunnels in low-coal mines. Contrasts safe haulage practices with accidents. Uses staged "near misses" to show consequences of carelessness,

BuM Nov 1971 15 min

Cat No: VC 839

Price: \$8.00

Hazard Recognition and Avoidance in Surface Coal Mining

Miners who are inexperienced and unfamiliar with the working environment, equipment and mining procedures are often exposed to potential safety hazards for which they are largely unprepared. Describes some of the more common dangers encountered (including failure of highwalls and spoil banks, slips and falls, drilling and blasting and not wearing or using proper safety clothing or equipment). Addresses machinery/vehicle, mechanical/electrical, welding/cutting and other maintenance/repair hazards. Gives examples of danger signs and warnings which usually precede a hazard. Outlines safety precautions needed to avoid the hazard. Emphasizes miners must learn how to recognize and avoid unsafe conditions and situations by staying alert, obeying company safety rules and following safe working practices at all times.

MSHA May 1980 9 min

Cat No: VC 891

Price: \$8.00

Hazard Recognition and Avoidance in Underground Coal Mines

Underground coal mining is an inherently hazardous occupation, but one which can be made relatively safe if miners learn to recognize and avoid the associated hazards. Identifies some of the more common dangers (including unsafe acts and conditions) miners may encounter while carrying out their everyday work assignments. Demonstrates safe work practices and procedures needed to avoid such problems and pitfalls. Urges miners to stay alert, work safely and report unsafe conditions they cannot correct.

MSHA Jan 1981 11 min

Cat No: VC 893

Price: \$8.00

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Hazards and Safety Practices on Surge Piles (MNM)

This video is designed to make dozer operators, miners, and others who work on or around surge piles aware of the hazards associated with surge piles and inform them of the recommended safety practices.

MSHA 1997 11 min.

Cat No: VC 859

Price: \$8.00

Hazards of Coal Stockpiling Operations

This video shows what happens when miners or equipment operators are working on a surge pile and the material unexpectedly collapses, breaks loose, or starts to flow underneath them. The disastrous result of being engulfed in loose material - suffocation - is demonstrated by a working model of a surge pile. The model shows how stockpiles with drawholes and feeders work, what takes place within the piles, the properties of flowing materials, and how hazardous conditions can develop at surge piles. Included are action scenes of heavy mobile equipment being used around stockpiles. The video emphasizes recognizing stockpile hazards and preventing stockpile accidents.

MSHA Nov 1994 26 min

Cat No: VC 831

Price: \$8.00



Illumination in Underground Coal Mines

Traces development of underground mine illumination from the earliest days of candles and carbide lamps to today's more efficient and safer electric lighting equipment. Demonstrates adequate lighting which helps miners better see equipment, other workers and roof and rib conditions (and to perform their jobs more safely). Shows various types of permissible lighting (being tested and used in both underground working places and surface laboratories). Explains light-measuring techniques and methods of evaluating lighting systems. Informs viewers of requirements of

Federal illumination regulations and how these apply to specific mining situations.

MSHA May 1980 15 min

Cat No: VC 871

Price: \$8.00



Inby Roof Support

This video explores the myths/excuses miners use for going inby supported roof.

MSHA December 1995 11½ min

Cat No: VC 811

Price: \$8.00

Inspection Information Related to Silica Exposures of Surface Coal Miners

This program is a joint effort by MSHA and NIOSH to alert the mining community to the disease silicosis. Silicosis is caused by breathing silica dust and is a major health hazard in the mining industry. The video covers regulations and addresses one of the most common sources of exposure to silica dust - the highwall drilling operation.

MSHA/NIOSH 1995 16 min

Cat No: VC 889

Price: \$8.00

Inundation of Water and Ignition—Eyewitness Account (C)

A miner describes his involvement in a coal mine inundation and explosion. The video stresses the importance of test drilling or examining abandoned areas.

MSHA 1994 12 min

Cat No: VC 823

Price: \$8.00

Job Safety Analysis Process: A Practical Approach (C/MNM)

This videotape discusses the JSA process. It teaches the viewer how to determine which jobs to select for JSA, to separate jobs into basic steps for JSA, to identify the hazards associated with each job step, and to use methods to control each hazard.

MSHA 1990 15 min

Cat No: VC 885

Price: \$8.00

VIDEOTAPES

Job Safety Analysis: Roof Bolter Operations (Coal)

This JSA is a basis for the videotape "Job Safety Analysis: Roof Bolter operations." These materials are designed to assist the underground coal mining industry in developing and conducting effective task training or other on-the-job training (OJT) Package contains a sample JSA for roof bolting machine operations and a videotape that demonstrates how to use JSAs.

MSHA 1993 36 min

Cat No: VC 868 (videotape and booklet)

Price: \$8.00 (No cost for booklet)

Lock Out and Tag for Safety

Maintenance workers and electricians in the mining and milling industries are often exposed to "live" electrical circuits and electric powered machinery and equipment. They are also exposed to the unexpected and accidental energizing of equipment they can be working on – unless they correctly reenergize, lock out, and tag the main power circuit that supplies current to this equipment. This video describes the proper procedures for performing safe electrical lockout and testing, and dramatically illustrates what can happen if this isn't done. Job safety training and following company safety policies are stressed as a means for preventing such electrical accidents.

Florida Dept. of Environmental
Protection 1994 9 min

Cat No: VC 852

Price: \$8.00



Magic of Fire, The (C/MNM)

Deals with fire, its composition, uses and control. Tabletop displays and laboratory demonstrations illustrate how fires and explosions occur. Describes the safe use and control of commonly used gases and flammable liquids. Shows various industrial fires (and fire hazards in the home) and gives instructions on fire prevention.

BuM Jan 1965 23 min

Cat No: VC 809

Price: \$8.00



Management's Role in Health and Safety (C)

Presents a well-planned and well-executed mine health and safety program in action. Uses scenes at both underground and surface facilities. Outlines a safety program (in detail) and its application to on-the-job safety situations and related mining operations. Defines management's responsibility for the health and safety of miners. Points out various environmental health problems and safety hazards. Offers possible solutions (with emphasis on effective safety training).

BuM Jun 1972 15 min

Cat No: VC 842

Price: \$8.00

Mobile Equipment Safety (C/MNM)

This videotape explains potential hazards associated with different types of mobile equipment. Stresses need for hazard recognition and safe job procedures to avoid injury. (Available as videotape or slide-tape program. Please specify format when ordering.)

MSHA 1987 19 min

Cat No: VC 935 (videotape)

AV 11 (slide-tape program)

Price: \$8.00

\$17.00 (65 slides, 1 tape, script)



Oh! My Aching Back (C/MNM)

Back injuries from lifting objects that are too heavy and/or from using incorrect lifting techniques are a common occurrence in many industries. Shows workers the correct method of lifting (including good posture, positioning and smooth application of lifting power). Uses flexible training models (which simulate the human back-bone, muscles and ligaments) to illustrate how strains occur and how discs are "pinched." Utilizes live-action scenes in underground mines and industrial plants to emphasize the need for proper lifting and handling of working tools and materials.

BuM May 1965 21 min

Cat No: VC 810

Price: \$8.00

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Open-Pit Mining Hazards (MNM)

Moving machinery and moving earth supply the basic ingredients for a variety of possible hazards in mining ore from open pits. Uses staged accidents (involving dump trucks, power shovels, front-end loaders, rail haulage and highwall blasting) to show what happens as the result of workers' carelessness, overlooked safety precautions and/or unsafe machinery and mining methods. Explains why the accidents happened and stresses the correct and safe way to perform various mining jobs to prevent future accidents.

BuM Aug 1967 17 min

Cat No: VC 816

Price: \$8.00

Operation of the Quest Micro-15 Noise Dosimeter (C/MNM)

Describes the Quest Micro-15 Noise Dosimeter and the functions of its component parts, the operation and use of the instrument for field compliance measurements, and how to perform field calibration and general maintenance procedures.

MSHA 1988 28 min

Cat No: VC 931

Price: \$8.00



Orientation and Indoctrination of Safe Workmen (MNM)

Follows a group of new employees through pre-employment testing, hiring and actual working situations. The industry is a gypsum products manufacturing plant, but the orientation and indoctrination policies and procedures may easily be applied to other mining or manufacturing organizations. Takes viewers on a tour of the plant and follows new employees through interviews, physical examinations, classroom instruction and on-the-job training sessions. Stresses job safety as an integral part of production. Highlights the value of accident prevention training for all employees.

BuM Jun 1966 27 min

Cat No: VC 813

Price: \$8.00

Plain Talk About a Serious Problem . . . Silicosis (C/MNM)

An introduction to silicosis, followed by discussion of the mechanics of dust, the respiratory system, threshold limit values (TLVS), and individual susceptibility. Andy Griffith narrates. (Available as videotape or slide-tape program. Please specify format when ordering.)

North Carolina Department of Labor
Mine and Quarry Division

1983 18 min

Cat No: VC 936 (videotape)

AV 1 (slide-tape program)

Price: \$8.00

\$12.00 (102 slides, 1 tape)

Pre-Heater Safety (MNM)

Shot on location, this program emphasizes hazard recognition and safe job procedures around pre-heaters.

MSHA 1986 12 min

Cat No: VC 898

Price: \$8.00

Protective Canopy (A Survivor's Story)

A taped interview-with a roof fall survivor who was operating a SCOOP with a protective canopy. The miner tells in his own words how he survived after mine roof, approximately 4 feet thick, fell on the scoop he was operating, trapping him for at least 20 minutes. Taped on location in Madisonville, Kentucky,

MSHA 1995 6 min

Cat No: VC 894

Cost: \$8.00

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Quarry Safety (MNM)

Explains potential hazards that occur in and around quarries. Shows techniques for hazard recognition and accident prevention. (Available as videotape or slide-tape program. Please specify format when ordering.)

MSHA 1986 14 min

Cat No: VC 899 (videotape)

AV 29 (slide-tape program)

Price: \$8.00

\$15.00 (53 slides, 1 tape)

REAP — Roof and Rib Fatalities - Coal

These videos discuss the Roof and Rib Fatalities for 1992-1994, and classify each fatality under one of three general causes:

1. Failure to comply with the approved roof control plan;
2. Failure of the roof control system; and
3. Traveling or working inby supported roof.

MSHA 15 min each

Cat No: VC 849 (1992)

VC 825 (1993)

VC 876 (1994)

Price: \$8.00 each title



Reason for Change (Canopy Save)

Danny Terry survived a massive roof fall because his ram car had a canopy. In his interview, Danny admits he did not like canopies, but now he is a firm believer in canopies . . . he wouldn't run any equipment without one.

MSHA March 1997 13 min

Cat No: VC 844

Price: \$8.00

Repeat Violation Reduction Program (C/MNM)

Presents a systematic approach to looking at citations and orders issued at an operation in order to determine their root cause and ways to eliminate them.

MSHA 1989 25 min

Cat No: VC 880

Price: \$8.00

Respiratory Protection Programs (C/MNM)

Demonstrates the three basic classes of respiratory equipment: atmosphere supplying, air purifying, and the combination of atmosphere supplying/air purifying. Discusses the wearing and fitting of protective equipment to guard against exposure to airborne contaminants, and the standards relating to control of these contaminants.

MSHA 1990 47 min

Cat No: VC 946

Price: \$8.00

Roof and Rib Fall Accident Statistics, An Overview of (C)

Designed to examine past and current roof and rib fall accident trends, and costs involved. By analyzing these trends it will present a clearer picture as to what areas of the mining cycle and workplace need to be examined further, and indicate what has to be done to reduce the physical and financial damage that result from such accidents. (Available as videotape or slide-tape program. Please specify format when ordering.)

MSHA 1988 15 min

Cat No: VC 942 (videotape)

AV 35 (slide-tape program)

Price: \$8.00

\$12.00 (40 slides, 1 tape, script)

Roof Bolting Facts (C)

Helps underground miners better understand how roof bolts work in various roof conditions and how to use them more effectively.

MSHA 1988 19 min

Cat No: VC 918

Price: \$8.00



Roof Bolting in Coal Mines

Stresses the importance of roof bolting to the coal mining industry. Explains principles and purposes of roof bolting. Uses working models, laboratory demonstrations, actual underground applications and tests. Shows how mining operations and bolting methods are coordinated and emphasizes safety throughout the roof control process.

BuM 1973 19 min

Cat No: VC 808

Price: \$8.00

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Roof Evaluation and Decisions in Roof Control (C)

Encourages miners to visually inspect and evaluate the roof and ribs of their working place, and instructs them on how to identify the hazardous roof conditions they may encounter.

MSHA 1988 14 min

Cat No: VC 917

Price: \$8.00

Roof Fall Entrapment: Eye Witness Accounts (C)

Three miners who either witnessed or were involved in a roof fall accident discuss their experiences, thoughts and renewed respect for complying with safe work procedures and maintaining roof support systems. These videotapes are designed to motivate miners to be more aware of roof conditions and to comply with roof control plans,

This program consists of three (3) videotapes, one for each interview, with accompanying instructions to promote interaction of the viewers.

MSHA 1992

Title/Catalog No.

Eyewitness Account:

Dave Garry (VC 865) 15 min

Eyewitness Account:

Larry Strayer (VC 866) 14 min

Eyewitness Account:

Dave Murone (VC 867) 10 min

Price: \$8.00 each title

Roof Fall Entrapment: Survivors' Accounts (C)

Two miners who were involved in a roof fall accident discuss their experiences, thoughts, and renewed respect for complying with safe work procedures and maintaining roof support systems. These videotapes are designed to motivate miners to be more aware of roof conditions and to comply with roof control plans. This program consists of two interviews on one videotape,

MSHA 1993

Cat. No: VC 837

Survivors' Account:

Donzil Cutlip 13 min

Larry Clevenger 14 min

Price: \$8.00

Safety Around Power Lines

Provides visual examples of the types of power and communication line hazards encountered in the mining industry. Electric lines, high voltage drag cable, power stations, telephone company lines, and communication cables are demonstrated. The differences in these types of lines, hazards presented, and instructions for seeking help are covered,

Florida Dept. of Environmental

Protection 1994 13 min

Cat No: VC 812

price: \$8.00

Safety Issues in Deep Cut Mining (Small Mines Tech Transfer)

This video addresses the ergonomic problems in deep cut mining (cuts greater than twenty feet) and what actions can be taken to help find and to help formulate solutions in solving these problems.

BuM 1995

17 min

Cat No: VC 939

Price: \$8.00

Safety on the Move: Truck Haulage Safety (C/MNM)

The camera conveys atmosphere and movement around an open pit mining operation. Shows huge haulage trucks in action, Depicts how truck operators encounter difficult, dangerous, emergency driving situations while performing assigned duties. Points out existing and potential hazards of truck haulage by reenactment of some of the most frequently-occurring accidents. Explains causes of these accidents and outlines corrective steps necessary to prevent their recurrence. Stresses on-the-job safety training and a truck driver's personal safety responsibility throughout.

MSHA Rev 1995

13 min

Cat No: VC 828

price: \$8.00

VIDEOTAPES



Safety Practices in Low-Coal Mining

Uses live-action underground photography to show special hazards workers must guard against in thin-seam mines. Illustrates how restricted work space, curtailed field of vision and cramped body position can intensify danger when working with fast-moving, high-powered machines. Emphasizes teamwork, alertness and "know-how."

BuM Nov 1971 15 min

Cat No: VC 840

Price: \$8.00

Safety Procedures in Kiln Rebricking (MNM)

Kiln rebricking is a very dangerous job. Shot on location, this program emphasizes hazard recognition and safe job procedures. (Available as videotape or slide-tape program. Please specify format when ordering.)

MSHA 1986 16 min

Cat No: VC 895 (videotape)

AV 36 (slide-tape program)

Price: \$ 8.00

\$19.00 (74 slides, 1 tape)

Safety Standards for Roof/Face/Rib Support (C)

Describes in detail the major changes between the old and new roof control standards. New sections, variations of old sections and deletions will be discussed. Includes printed training guide, "Training Guide for Safety Standards for Roof/Face/Rib Support" which reinforces specific changes regarding the standards.

MSHA 1988 61 min

Cat No: VC 930

Price: \$8.00



Scaling

Scaling, the taking down of loose material from the roof, face and rib in hard rock mining. This videotape will remind you of some of the safety procedures and common sense practices to use during scaling.

MSHA 1996 10 1/2 min

Cat No: VC 836

Price: \$8.00

Scientific Look At Back Belts

This video discusses the scientific approach to the benefits, and nonbenefits, associated with wearing back belts.

BuM 1995

16 min

Cat No: VC 937

Price: \$8.00



Seat Belt Success Story - Part I - By Terry Sanders (C/MNM)

This video tells of an accident that occurred in 1980, when an off-road truck lost its power and brakes and went down a mountain backward. The wreck completely destroyed the truck, and the driver states that he is alive because he was wearing his seat belt.

MSHA 1996

5 min

Cat No: VC 833

Price: \$8.00



Seat Belt Success Story - Part II - (The Roger Newman Story) (C/MNM)

This video tells how a bulldozer operator survived a 160 foot fall from a highwall while buckled in with his seat belt. He miraculously walked away from the accident.

MSHA 1996

7 min

Cat No: VC 834

Price: \$8.00

Slips, Trips and Falls

Various types of slip/trip/fall accidents are depicted at surface mines, plants, on dredges, and in offices. This video stresses the importance of workers thinking safety – and being alert, observant, and cautious. Special emphasis is placed on proper climbing procedures (ladders, stairways); good housekeeping (cleaning spills, removing tripping objects); and following company safety rules. Concluding message is that the best way to prevent slip, trip, and fall accidents is through effective safety training, combined with safe work practices.

Florida Dept. of Environmental
Protection 1994 9 min

Cat No: VC 851

Price: \$8.00

VIDEOTAPES



Slope Stability of Waste Dams and Embankments (C/MNM)

The disposal of mining waste and refuse is an ever increasing problem. Maintaining the stability and safety of waste storage facilities is part of that problem. Points out importance of properly designed and constructed waste dams and embankments to show the destructive aftermath of coal wastebank failures and landslides. Combines animation sequences with ground-level and aerial photography to explain various types of slope failures, describe inherent and potential hazards and outline a constructive program of inspection, detection and correction. Demonstrates on-site monitoring methods (some methods using off-site computer analyses).

MSHA Apr 1979 28 min

Cat No: VC 870

Price: \$8.00

Statistical Profile of Underground Coal Mines: Differences Associated With Mine Size

This video shows statistics for accident rates; characteristics of injured employees; and production and employment statistics for underground coal mines. The Bureau of Mines used information from two different time periods, 1989-1991 and 1978-1980. Comparing these two time periods allows us to see what major changes took place in underground coal mines during the 1980s.

BuM Feb 1995 20 min

Cat No: VC 805

Price: \$8.00



Stop Silicosis

This film (copied to videotape) was produced by the U.S. Department of Labor in 1938 and features an introduction by then Secretary of Labor Frances Perkins. This short black and white film presents the causes of silicosis and explains how the disease can be prevented. "Stop Silicosis" was shown as part of a Federal silicosis-prevention campaign that was initiated by Secretary Perkins,

USDOL 1938

Cat No: VC 826

Price: \$8.00

Storage, Transportation and Handling of Compressed Gases (C/MNM)

Describes the ideal storage conditions and the safest means of transporting and handling compressed gas cylinders in the mining environment.

MSHA 1989 28 min

Cat No: VC 881

Price: \$8.00

Substance Abuse: Is It Our Problem? C/MNM)

Substance abuse poses problems in the workplace. This program examines substance abuse from "the toolroom to the boardroom." It also includes material about Employee Assistance Programs (EAPs) and related programs.

MSHA 1986 34 min

Cat No: VC 901

Price: \$8.00

Supervisor's Responsibilities in Roof Control (C)

Helps front line underground coal mine supervisors understand what their duties are to the miners, as well as to management, concerning safety in the working place.

MSHA 1988 11 min

Cat No: VC 919 (videotape)

Price: \$8.00



Supervisory Training Series (MNM)

Series is designed to motivate metal mine supervisory personnel to stress safety in all facets of the mining process.

The two videotapes may be shown independently or as a series (in the following sequence).

• Man and His Habits (MNM)

Depicts how careless habits may endanger safety at home and on the job, Shows workers how to acquire safe work habits by practicing "safety everywhere,

BuM Nov 1969 13 min

Cat No: VC 822

Price: \$8.00

VIDEOTAPES



Supervisory Training Series (MNM) *(continued)*

. Safety Consciousness (MNM)

Demonstrates how various people at work and play develop safe behavior in their daily activities.

BuM Nov 1969 10 min

Cat No: VC 824

Price: \$8.00

Surface Coal Truck Haulage Fatalities of 1993

This video discusses the seven surface coal truck haulage fatalities of 1993 and suggests possible safety methods and practices that can help prevent the occurrence of similar accidents.

MSHA Oct 1994 12 min

Cat No: VC 835

Price: \$8.00

Think “Quicksand”: Safety Around Bins and Hoppers (C/MNM)

This videotape shows how material in stockpiles, storage bins and hoppers can act like quicksand – often with fatal results. Encourages workers to follow safe and correct operating procedures to avoid being trapped or buried alive.

MSHA 1987 10 min

Cat No: VC 916

Price: \$8.00

Timbering In Underground Anthracite Mines
Timbering is the most common roof support method used in underground anthracite mines. The system of timbering is governed by the character of the top and bottom, thickness of the coal vein, pitch of the coal vein, life of the entry, haulage system, and the operator’s approved roof control plan. This videotape demonstrates the fundamentals and characteristics used in installing typical timber sets: single prop, post and bar (two-piece sets), and “double timber” (three-piece sets).

MSHA 1994 54 min

Cat No: VC 807

Price: \$8.00

Title 30 CFR Part 50 Videotape (C/MNM)
Designed to assist operators, contractors and others in coal or metal/nonmetal mining whose duties include compiling form 7000-1, the Mine Accident, Injury, and Illness Report.

MSHA 1987 29 min

Cat No: VC 915

Price: \$8.00

Transportation and Communication in Underground Coal Mines

Emphasizes importance of being able to recognize and avoid potential safety hazards in underground mine transportation. Reenacts different accidents involving the transporting of workers and materials. Describes various underground mine communication systems. Uses on-the-job scenes to explain the purpose of communication systems in overall mining operations. Conveys the underlying safety lesson that both transportation and communication are essential to all underground mining operations. Stresses that the health and safety of mine workers is often dependent upon the safe and proper use of these systems.

MSHA Jan 1981 9 min

Cat No: VC 892

Price: \$8.00

VIDEOTAPES

Truck Haulage Safety Series (C/MNM)

The following seven videotapes were produced as a series; however, they can be purchased individually.

- **Brakes, Grades, and Runaways-Highway Trucks**

Reviews important principles of haul road design and maintenance, braking system inspection and maintenance, and driver procedures for handling highway truck runaways. Topics covered include: road design; road maintenance; berms; brakes; and runaways.

MSHA Feb 1995 18 min

Cat No: VC 873

Price: \$8.00

- **Brakes, Grades, and Runaways-Off-Road Trucks**

Reviews important principles of haul road design and maintenance, braking system inspection and maintenance, and driver procedures for handling off-road truck runaways. Topics covered include: road design; road maintenance; berms; brakes; and runaways.

MSHA Feb 1995 18 min

Cat No: VC 872

Price: \$8.00

- **Highway Haulage Truck Inspection Conducted by MSHA Inspectors**

Presents a typical sequence of procedures followed by an MSHA inspector during examination of a highway haulage truck. Topics covered include: inspection location; cab inspection; safety appliances; paperwork; steering system; handholds and steps; wheels and rims; suspension components; brakes and braking systems; exhaust system; and inspecting the frame of the bed or trailer.

MSHA Feb 1995 18 min

Cat No: VC 853

price: \$8.00

- **Inspection of Off-Road Haulage Trucks by an MSHA Inspector**

Presents a typical sequence of procedures followed by an MSHA inspector during examination of an off-road haulage truck. Topics covered include: inspection location; fluid-carrying lines and steering components; suspension components; tires and wheels; truck bed; lights and mountings; cab; safety appliances; and brakes and braking system parts.

MSHA Feb 1995 13 min

Cat No: VC 850

Price: \$8.00

- **Pre-Operation Inspection of Off-Road Haulage Trucks by the Driver**

Describes a typical sequence of inspection procedures followed by drivers who operate off-road haulage trucks. Topics covered include: inspection location; personal protective equipment; fluid-carrying lines; truck bed; lights and mountings; cab; safety appliances; steering; and brakes and braking systems.

MSHA Feb 1995 16 min

Cat No: VC 855

Price: \$8.00

- **Pre-Operation Inspection of Highway Haulage Trucks by the Driver**

Describes a typical sequence of inspection procedures followed by drivers who operate highway haulage trucks. Topics covered include: inspection location; under-the-hood check; tires and wheels; steering components; suspension components; trailer or bed frame; cab; safety appliances; and brakes and braking systems.

MSHA Feb 1995 10 min

Cat No: VC 863

Price: \$8.00

VIDEOTAPES


Truck Haulage Safety Series (C/MNM)

(continued)

Visibility and Communications: Off-Road and Highway Trucks (C/MNM)

This video discusses the visibility and communication problems associated with off-road and highway haulage trucks. Topics covered include: driver awareness; good communication systems; night driving; weather conditions; road design and maintenance; traffic controls; truck lights, wipers, and alarms; blind areas; and additional lighting. Also available in Spanish.

MSHA 1996 18 min

Cat No: VC 814 (Spanish version) 

VC 869 (English version)

Price: \$8.00



Underground Coal Mine Blasting

Begins with the safe storage of permissible explosives, detonators and 'blasting devices in surface and underground facilities. Progresses through the transportation and handling stages (and up to the actual blasting of the coal face itself). Shows and explains how the shot firer safely performs the complete blasting operation (preparing the primers, loading the shotholes, stemming, wiring and firing the round). Demonstrates the compressed air method of blasting coal. Illustrates (through animation) what takes place inside the shothole when an Airdox shell is "fired". Stresses safe work practices throughout.

MESA Mar 1975 19 min

Cat No: VC 856

Price: \$8.00

Underground Haulage Hazards (MNM)

Presents a broad overview of some of the more common factors which cause (or contribute to) accidents involving both track and off-track haulage. Points out need for sufficient safety and task training, staying alert, learning to recognize specific job hazards, correcting or reporting all dangerous conditions, following safe haulage practices and obeying company safety rules and

regulations. Uses simulated haulage accidents (based on actual occurrences) which realistically reenact haulage accidents.

MSHA Feb 1983 12 min

Cat No: VC 875

Price: \$8.00


Underground Salt Mine Safety Series (MNM)

A nine-part series designed to increase miners' awareness of potential hazards associated with mining conditions, operations and equipment. The series stresses proper safety practices and precautions for avoiding hazards. This program was developed in cooperation with the Salt Institute and contains material useful for many types of underground metal/nonmetal mines. The underground Salt Mine Safety Series is available as individual videotapes or slide-tape programs with scripts as listed below. Note: The videotapes are a taped version of the slide-tape program. (Please specify format when ordering.)

MSHA 1987

Videotapes

Title/Catalog No.

Avoiding Electrical Hazards in Mines (VC 910)	15 min
Cleanup and Housekeeping (VC 908)	9 min
Ground Control and Ventilation Plans (VC 909)	9 min
Hazard Recognition (VC 907)	14 min
Health Hazards (VC 906) 	10 min
Introduction to Work Environment (VC 902)	6 min
Mine Maps/Emergency Evacuation (VC 905)	10 min
Transportation and Communication (VC 903)	8 min
Use of Explosives (VC 904)	10 min


Price: \$8.00 (each title)

VIDEOTAPES

Underground Salt Mine Safety Series (MNM)

(continued)

Slide-Tape Programs

Title/Catalog No.	Slides	cost
Avoiding Electrical Hazards in Mines (AV 20)	70	\$18
Cleanup and Housekeeping (AV 18)	45	\$13
Ground Control and Ventilation Plans (AV 19)	55	\$15
Hazard Recognition (AV 17)	89	\$22
Health Hazards (AV 16) 	72	\$19
Introduction to Work Environment (AV 12)	48	\$14
Mine Maps/Emergency Evacuation (AV 15J)	68	\$18
Transportation and Communication (AV 13)	60	\$16
Use of Explosives (AV 14)	66	\$17

What Am I Worth? (C/MNM)

Produced in cooperation with the Mining Industry Committee on Substance Abuse. Shows miners who used substances on their shifts, the impact of such behavior on their jobs and lives, and the effect of help they received from their company's employee assistance programs,

MSHA 1990 38 min

Cat No: VC 884

price: \$8.00

Why Roof Control Plans (C)

Roof and rib falls are still the most dangerous hazard an underground coal miner faces. The premise of this film is that the hazard can be prevented or reduced by following an approved roof control plan. Explains basic plans, gives examples and describes plan implementation. Demonstrates important items included in the plan (such as types of support, areas covered and rock strata diagrams) under actual mining conditions. Shows mining equipment and materials, bolting machines, roof bolts and timbers in use. Urges miners to become familiar with their mine's roof control plan.

MSHA Aug 1981 16 min

Cat No: VC 874

Price: \$8.00